	FORM PTO-	1449	PATENT AND TRADEMARK OFFICE			DX0935K		09/526335						
OIPE	INF	INFORMATION DISCLOSURE STATEMENT FOR PATENT				APPLICANT: Oppmann et al. FILING DATE: GROUP:								
` \	N	(Use several sheets if necessary)						GROP: To be	signed	<b>9</b> .				
AU6 1 2 2003 9	U.S. PATENT DOCUMENTS													
	PEXAMINER	T -	DOCUMENT	DATE	NAME		CLASS	SUBSO	FILES	DAIC				
The said	INITIAL		NUMBER				/	CLASS	PPRO	PRIATE				
e et est		AA	5,457,038				A		300					
		AC	5,741,772		<u> </u>	/	<u></u>		-					
		Α.		FORFIG	N PATENT DOG	TIMENTS	ــــــــــــــــــــــــــــــــــــــ	l	l					
	DOCUMENT   DATE   COUNTRY   CLASS   SUB-   TRANSLATION													
			NUMBER	DAIL	COOMIKI		Cinos	CLASS	YES	INO				
		AD	WO 98/33922		<u> </u>	_/	<del>_</del>		ļ <del></del>					
		AE	WO 99/00415		<del> </del>	<del>/</del>	<del> </del>	<b></b>		1				
		AF	WO 98/11225		<del> </del>	/	+	<del> </del>						
		AG	WO 98/31811		<del>                                     </del>	/								
		AH	WO 98/49307		<del>                                     </del>		<del>-  </del>	ļ						
		AT	EP 0 759 466	<del>- </del>	+/									
		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
		AJ DeChiara et al., "Mice lacking the CNTF receptor, unlike mice lacking CNTF, exhibit profound motor neuron deficitis												
		AK	Elson et al., "Definition: 'Homo sapiens cyokine-like factor-1 precursor (CLF-1) mRNA, complete cds.", GenBank											
	<u> </u>	AL	Accession Number AF059293 (1998).  Elson et al., "Cytokine-like factor-1, a novel soluble protein, shares homology with members of the cytokine type							pe l				
		AM.	receptor family", J Immunol, 161:1371-1379 (1998).  Gately et al., "The interleukin-12/interleukin-12-receptor system: role in normal and pathologic immune responses",  Annu Rev Immunol, 16:495-521 (1998).							ises,				
The control	Die	AN	Gough et al., "Definition: "Murine pRNA for leukaemia inhibitory factor (LIF)", GenBank, Accession Number X06381 (1995).											
سمعه کی ل	200	AO	Habecker et al., "A sv Biol Chem, 272:3042	veat gland-deriv	ved differentiation acti	vity acts through k	nown cytoki	ne signalin	g pathway	's'', J				
an of the	D. S.	AP	McDonald, "Definition: 'Human CNTF gene for ciliary neurotrophic factor", GenBank, Accession Number X6 (1991).							50542				
No carrie		AQ	Pennica et al., "Defini U18366 (1995).	tion: Mus mu	sculus cardiotrophin-1	mRNA, complete	cds'", GenBa	ank, Access	ion Numb	er				
in.	aol	AR	Pennica et al., "Defini	tiogl: 'Human o	ardiotrophin-1 (CTF1	) mRNA, complete	cds", Gent	lank, Acces	sion Num	ber				
aMi		AS	U43030 (1996).  Saotome et al., "Definition: 'Mus musculus zinc linger protein (Pzl) mRNA, partial cds, and ciliary neurotrophic factor (Cntf) mRNA, complete cds'", GenBank, Accession Number U05342 (1995).											
Mars. adly	ity-	AT	Shelton, "Are there in					101-107(1	996).					
Maps: 09/XC	x 40	AU	Stahl et al., "Deficition M63420, J05436 (199	on: 'Human leu 14).	kemia inhibitory facto	r (LIF) gene, com	plete cds", (	ienBank, A	ccession	Number				
- V - W	x or	7	(1998).	maiory and his	manoregulatory littleti	ons of Interleukin-	Vz., mern r	ev immuno	1, 10,303-	396				
Jacob Mi	DE AU	AW	Ware et al., Targeted neural and metabolic	disruption of t	he low-affinity leuken	Development 12	r receptor ge	ne causes p	lacental, s	keletal,				
alla	(A)	AX	Database DGENE, La citing Acression Num	st updated 13-J	UN-1999, Result from	sequence search i	ising SEQ II	NO: 2, as						
this into	a letter		96P-R89204, 95P-R8	3965; Derwent	Information Ltd., Lon-	don.								
How NOT Production of the South of East	سور ا	AY	citing/Accession Numbers: 98P-W559805, 98P-W55012, 98P-W55011, 98P-W55804, 98P-W55014, 98P-W55015, 98P-W55016, 92P-R26334, 97P-W17859, 96P-R94576, 92P-R24273, 92P-R22228, 91P-R10795; Derwent Information Ltd., London.											
1,"	*	AZ	Fischer et al., "A bioactive designer cytokine for human hematopocitic progenitor cell expansion", Nat Biolechnol, 16:142-145 (1997).											
my reep	EXAMME	₹	/	-	TDATEC	ONSIDERED								
calores of	Cause	/.	entermorphism				, ,							
A STAND COM	3300		Silver of the control				o Baldingan	no es all'ille	cai.					
~ '		1												

i	FORM PTO-14	149			OF COMMERCE DEMARK OFFICE	DX0935K	1 NO.:	09/521,3				
	INFO	RN	ATION DISCL FOR PA		ATEMENT	APPLICANT: Oppmann et al						
7	(Use several sheets if necessary)					Oppmann et al FILING DATE: March 9, 2000 MENTS	GROUP: To be assigned					
				U.S. I	PATENT DOCU	MENTS &	CL PC	6	J.			
7	EXAMINER   DOCUMENT			DATE	DATE NAME		TOTAL	SUF- 2	FILING	DATET		
	INITIAL.		NUMBER					CLASS/	APPRO	PRIATE		
	В	3A					† · · · · · · · ·	1000				
	В	BB						100				
	В	3C										
	FOREIGN PATENT DOCUMENTS											
Ì			DOCUMENT	DATE	COUNTRY		CLASS	SUB-	TRANS	LATION		
ĺ			NUMBER					CLASS	YES	NO		
		D.	WO 95/11303			/						
		3E	WO 99/20755									
		3F	WO 99/28462									
		G	WO 99/35264									
		H	WO 99/40195						<u> </u>			
-		31			1, /			<u> </u>				
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  [BJ] Peters et al., "In vivo and in vitro activities of the gp130-stimulating designer cytokine Hyper-IL-6", J Immunol,											
ſ	В	31	161:3575-3581 (199	8).		_	-	• •				
	В	K	Rakemann et al.,	The designer of	Niokine hyper-interle	ukin-6 is a potent	activator	of STAT3	-depende	nt gene		
	В	L	transcription in vivo and in vitro", Joiol Chem, 274:1257-1266 (1999).  Shi et al., "Computational EST database analysis identifies a novel member of the neuropoietic cytokine family", Biochem Biophys Res Commun, 262:132-138 (1999).									
	В	м	Senaldi et al., "Nove	I neurotrophin-l	/B cell-stimulating fac	tor-3: a cytokine of	the IL-6 fa	mily", Proc	Natl Aca	d Sci		
	В	N	USA, 96:11458-1146	3 (1999 <b>)</b> :								
	B	0										
	В	P		/	· X-							
	- B	Q		/	Viale_							
	В	R		<b>₩</b>	upliale		<del></del>					
	В	S		- 0								
	В	T										
	В	ט					·	<del></del>				
	В											
Ţ	RV	- i										
	B											
	В											
L	В	<sup>2</sup> /	<u>/</u>									
	EXAMINER				DATEC	ONSIDERED						
-	EXAMINER	/ In	itial if reference cor	sidered wheth	er or not citation is	in conformance w	ith MDE'D	KNO Dear	i line the	ough		
L	citation if not in	n cc	nformance and not	considered. Ir	clude copy of this f	orm with next con	imunication	on to appli	cant.	Jugii		